

**Federal Scout Readiness Centers Energy Projects****FY2003 Request:****\$290,000****Reference No:****32560****AP/AL:** Appropriation**Project Type:** Construction**Category:** Health/Safety**Location:** Statewide**Contact:** Carol Carroll**Election District:** Statewide**Contact Phone:** (907)465-4730**Estimated Project Dates:** 07/01/2002 - 06/30/2006**Brief Summary and Statement of Need:**

Replace doors, windows, insulate floors and re-skin roof and walls with insulating panels in existing Federal Scout Readiness Centers. The quick payback work is done and we are now insulating and sealing the buildings that require a complete recovering of the exterior. Sites are selected based on number of Guardsmen at the site, the anticipated energy saving generated by the upgrade, and the impact of the upgrade on future recruiting in the area.

**Funding:**

	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	Total
Fed Rcpts	\$290,000	\$240,000	\$150,000	\$150,000			\$830,000
Total:	\$290,000	\$240,000	\$150,000	\$150,000	\$0	\$0	\$830,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input checked="" type="checkbox"/> On-Going Project
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Total Operating Impact:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

**Prior Funding History / Additional Information:**

This funding has been available for a number of years, but it wasn't until 1998 that FMD was able to prepare funding proposals that demonstrated a Savings to Investment Ratio that qualified for funding. The federal funding received in FY99 and FY00 was used to upgrade the following sites: Shishmaref, Gambell, Savoonga, Kipnuk, Alakanuk, Emmonak, Hooper Bay, Kwethluk, Nightmute, Toksook Bay, Tuluksak, Koyukuk, Kaltag, Nulato, Buckland, Gambell, Quinhagak, Alukanuk, Kongiganak, and Anch Readiness Center.

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**Reference No: 32560****Detailed Project Justification:**

Each year specific funding is earmarked for energy projects that compete based on their scoring of the Saving to Investment Ratio (SIR) calculation. The SIR considers how much is spent on the upgrade and how much is saved over the economic life of the upgrade. This means that both large and small projects compete on the same basis. Our SIR's have been averaging around 1.4, which means that we have a simple payback of approximately 5 years. This also means that we have been more successful in funding projects in western and northern Alaska due to the fuel expense and harsher climate.

The Energy Projects will reduce the annual operating costs regarding heating and electrical energy requirements. The projects also provide economic activity when materials are purchased and construction labor is utilized.

**Specific Spending Detail:**

Design will be done in-house and work will be bid out. Construction materials are purchased and assembled by the contractor.

Location	Facility	Project Description	TOTAL
Ft Rich	Anchorage Armory	Upgrade Energy Management System	\$ 95,000
Gambell	Fed Scout Armory	Install exterior insulation	\$ 80,000
Savoonga	Fed Scout Armory	Install exterior insulation	\$ 80,000
Wasilla	Alcantra Armory	Downsize Hotwater tanks	\$ 10,000
Wasilla	Alcantra Armory	Replace Boiler	\$ 25,000
Grand Total			\$290,000